

BPU STRATEGIC INITIATIVE

DATE APPROVED:	January 20, 2016
TITLE:	Strategic Policy for Electrical Energy Resources

The Board of Public Utilities adopted, as part of a strategic policy, the following resource recommendations adapted from the 7 July 2015 “Future Electrical Energy Resources” report:

1. The definition of “carbon-neutral electrical energy provider” adopted by the Board of Public Utilities on January 20, 2016 should accompany or be included in board’s “carbon neutrality” goal.
2. Incorporate “environmental impact, specifically greenhouse gas production,” as a factor to be considered in all resource decisions.
3. Encourage more efficient use (conservation) of electrical energy by Los Alamos County consumers.
4. Support replacement of petroleum-fueled motor vehicles with all-electric vehicles. Consider locating more electric vehicle charging stations around the County or at LANL.
5. Maintain and operate the Abiquiu and El Vado hydroelectric plants as the backbone of the Los Alamos County long-term future electrical supply.
6. Plan to exit San Juan Generating Station share ownership in the mid-2020’s, under the most opportune circumstances.
7. Explore sale of the Laramie River Station purchased power agreement. Sell if and when economically feasible and consistent with the needs of the Electric Coordination Agreement Pool, considering the continued carbon production and increasing regulatory risks associated with that plant.
8. Continue to explore participation in the UAMPS nuclear power project as a replacement source of base power, carefully considering plant safety, realistic life-cycle costs, and potential for a cooperative power-sharing arrangement with DOE/LANL after 2025.
9. Pursue access (transfer or long-term lease) to suitable utility-scale photo-voltaic generation sites presently owned by DOE/LANL.
10. Monitor feasibility and costs for battery storage, including at least Li-ion and Vd-flow batteries.
11. Explore feasibility (including access to present DOE/LANL lands) and estimate costs of pumped hydro storage somewhere within Los Alamos County.
12. Evaluate feasibility, including market interest, for a community solar garden if bandwidth or other limits are not being approached by individual installations.
13. Explore current interest in a hydroelectric project at Cochiti Dam with the Pueblo.